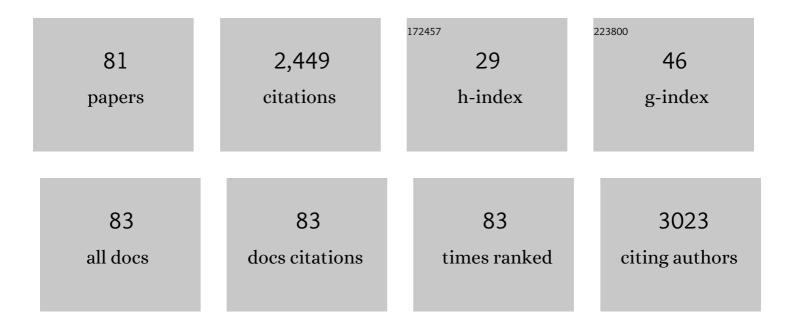
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Measuring patient-perceived quality of care in US hospitals using Twitter. BMJ Quality and Safety, 2016, 25, 404-413.	3.7	130
2	Problem list completeness in electronic health records: A multi-site study and assessment of success factors. International Journal of Medical Informatics, 2015, 84, 784-790.	3.3	121
3	Development and evaluation of a comprehensive clinical decision support taxonomy: comparison of front-end tools in commercial and internally developed electronic health record systems. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 232-242.	4.4	110
4	Analysis of clinical decision support system malfunctions: a case series and survey. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 1068-1076.	4.4	97
5	A method and knowledge base for automated inference of patient problems from structured data in an electronic medical record. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 859-867.	4.4	96
6	Physician attitudes toward health information exchange: results of a statewide survey. Journal of the American Medical Informatics Association: JAMIA, 2010, 17, 66-70.	4.4	94
7	A reanalysis of cluster randomized trials showed interrupted time-series studies were valuable in health system evaluation. Journal of Clinical Epidemiology, 2015, 68, 324-333.	5.0	89
8	Randomized Controlled Trial of Health Maintenance Reminders Provided Directly to Patients Through an Electronic PHR. Journal of General Internal Medicine, 2012, 27, 85-92.	2.6	88
9	Improving completeness of electronic problem lists through clinical decision support: a randomized, controlled trial. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 555-561.	4.4	77
10	Governance for clinical decision support: case studies and recommended practices from leading institutions. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 187-194.	4.4	76
11	Clinician attitudes toward and use of electronic problem lists: a thematic analysis. BMC Medical Informatics and Decision Making, 2011, 11, 36.	3.0	70
12	Incorporating Indications into Medication Ordering — Time to Enter the Age of Reason. New England Journal of Medicine, 2016, 375, 306-309.	27.0	65
13	Reporting and Implementing Interventions Involving Machine Learning and Artificial Intelligence. Annals of Internal Medicine, 2020, 172, S137-S144.	3.9	64
14	Clinical decision support alert malfunctions: analysis and empirically derived taxonomy. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 496-506.	4.4	57
15	Computerized prescriber order entry–related patient safety reports: analysis of 2522 medication errors. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 316-322.	4.4	56
16	The Medicare Electronic Health Record Incentive Program: Provider Performance on Core and Menu Measures. Health Services Research, 2014, 49, 325-346.	2.0	54
17	Graphical display of diagnostic test results in electronic health Records: a comparison of 8 systems. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 900-904.	4.4	45
18	Prospective evaluation of medication-related clinical decision support over-rides in the intensive care unit. BMJ Quality and Safety, 2018, 27, 718-724.	3.7	45

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19	Evaluation of a mandatory phishing training program for high-risk employees at a US healthcare system. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 547-552.	4.4	41
20	Assessment of Employee Susceptibility to Phishing Attacks at US Health Care Institutions. JAMA Network Open, 2019, 2, e190393.	5.9	39
21	Use of order sets in inpatient computerized provider order entry systems: A comparative analysis of usage patterns at seven sites. International Journal of Medical Informatics, 2012, 81, 733-745.	3.3	37
22	Bringing science to medicine: an interview with Larry Weed, inventor of the problem-oriented medical record. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 964-968.	4.4	37
23	Distribution of Problems, Medications and Lab Results in Electronic Health Records: The Pareto Principle at Work. Applied Clinical Informatics, 2010, 01, 32-37.	1.7	35
24	Lessons learned from implementing service-oriented clinical decision support at four sites: A qualitative study. International Journal of Medical Informatics, 2015, 84, 901-911.	3.3	35
25	Structured override reasons for drug-drug interaction alerts in electronic health records. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 934-942.	4.4	35
26	Computerised prescribing for safer medication ordering: still a work in progress. BMJ Quality and Safety, 2016, 25, 315-319.	3.7	34
27	A qualitative study of the activities performed by people involved in clinical decision support: recommended practices for success. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 464-472.	4.4	33
28	Nephrology co-management versus primary care solo management for early chronic kidney disease: a retrospective cross-sectional analysis. BMC Nephrology, 2015, 16, 162.	1.8	32
29	Use of an Electronic Problem List by Primary Care Providers and Specialists. Journal of General Internal Medicine, 2012, 27, 968-973.	2.6	31
30	Best Practices in Clinical Decision Support. Applied Clinical Informatics, 2010, 01, 331-345.	1.7	30
31	What makes an EHR "open―or interoperable?. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1099-1101.	4.4	30
32	Using statistical anomaly detection models to find clinical decision support malfunctions. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 862-871.	4.4	30
33	Use of a support vector machine for categorizing free-text notes: assessment of accuracy across two institutions. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 887-890.	4.4	29
34	Effect of Restriction of the Number of Concurrently Open Records in an Electronic Health Record on Wrong-Patient Order Errors. JAMA - Journal of the American Medical Association, 2019, 321, 1780.	7.4	29
35	Incorporating medication indications into the prescribing process. American Journal of Health-System Pharmacy, 2018, 75, 774-783.	1.0	28
36	Best practices for preventing malfunctions in rule-based clinical decision support alerts and reminders: Results of a Delphi study. International Journal of Medical Informatics, 2018, 118, 78-85.	3.3	27

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37	Characterizing outpatient problem list completeness and duplications in the electronic health record. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1190-1197.	4.4	26
38	Cranky comments: detecting clinical decision support malfunctions through free-text override reasons. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 37-43.	4.4	25
39	Meaningful Use and Quality of Care. JAMA Internal Medicine, 2014, 174, 997.	5.1	23
40	The Big Phish: Cyberattacks Against U.S. Healthcare Systems. Journal of General Internal Medicine, 2016, 31, 1115-1118.	2.6	23
41	Testing electronic health records in the "production―environment: an essential step in the journey to a safe and effective health care system. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 188-192.	4.4	23
42	Multiple perspectives on clinical decision support: a qualitative study of fifteen clinical and vendor organizations. BMC Medical Informatics and Decision Making, 2015, 15, 35.	3.0	19
43	Genome-wide association analysis of opioid use disorder: A novel approach using clinical data. Drug and Alcohol Dependence, 2020, 217, 108276.	3.2	17
44	You, Me, and the Computer Makes Three: Navigating the Doctor-Patient Relationship in the Age of Electronic Health Records. Journal of General Internal Medicine, 2015, 30, 1-2.	2.6	16
45	How often do prescribers include indications in drug orders? Analysis of 4 million outpatient prescriptions. American Journal of Health-System Pharmacy, 2019, 76, 970-979.	1.0	15
46	Cross-vendor evaluation of key user-defined clinical decision support capabilities: a scenario-based assessment of certified electronic health records with guidelines for future development. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1081-1088.	4.4	14
47	Outpatient CPOE orders discontinued due to â€ [~] erroneous entry': prospective survey of prescribers' explanations for errors. BMJ Quality and Safety, 2018, 27, 293-298.	3.7	13
48	Using Clinical Data Standards to Measure Quality: A New Approach. Applied Clinical Informatics, 2018, 09, 422-431.	1.7	13
49	Transparent Reporting on Research Using Unstructured Electronic Health Record Data to Generate â€~Real World' Evidence of Comparative Effectiveness and Safety. Drug Safety, 2019, 42, 1297-1309.	3.2	13
50	Clinical Decision Support for Colon and Rectal Surgery: An Overview. Clinics in Colon and Rectal Surgery, 2013, 26, 023-030.	1.1	12
51	Implementation of a scalable, web-based, automated clinical decision support risk-prediction tool for chronic kidney disease using C-CDA and application programming interfaces. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 1111-1115.	4.4	12
52	Analysis of variations in the display of drug names in computerized prescriber-order-entry systems. American Journal of Health-System Pharmacy, 2017, 74, 499-509.	1.0	11
53	Evaluation of Harm Associated with High Dose-Range Clinical Decision Support Overrides in the Intensive Care Unit. Drug Safety, 2019, 42, 573-579.	3.2	11
54	Genome-wide association analysis of insomnia using data from Partners Biobank. Scientific Reports, 2020, 10, 6928.	3.3	11

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55	Design of a cluster-randomized trial of electronic health record-based tools to address overweight and obesity in primary care. Clinical Trials, 2015, 12, 374-383.	1.6	10
56	Orders on file but no labs drawn: investigation of machine and human errors caused by an interface idiosyncrasy. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 958-963.	4.4	10
57	Changes in the quality of care during progress from stage 1 to stage 2 of Meaningful Use. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 394-397.	4.4	10
58	Communication failure: analysis of prescribers' use of an internal free-text field on electronic prescriptions. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 709-714.	4.4	10
59	Clinical decision support improved allergy documentation of antibiotic test dose results. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2919-2921.	3.8	10
60	The Need for Closed-Loop Systems for Management of Abnormal Test Results. Annals of Internal Medicine, 2018, 168, 820-821.	3.9	8
61	How can we partner with electronic health record vendors on the complex journey to safer health care?. Journal of Healthcare Risk Management: the Journal of the American Society for Healthcare Risk Management, 2020, 40, 34-43.	0.7	8
62	A Picture is Worth 1,000 Words. Applied Clinical Informatics, 2017, 08, 710-718.	1.7	7
63	Changes in hospital bond ratings after the transition to a new electronic health record. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 572-574.	4.4	7
64	Effect of default order set settings on telemetry ordering. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1488-1492.	4.4	7
65	Smashing the strict hierarchy: three cases of clinical decision support malfunctions involving carvedilol. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1552-1555.	4.4	5
66	Comparison of Association Rule Mining and Crowdsourcing for Automated Generation of a Problem-Medication Knowledge Base. , 2012, , .		4
67	Comparative analysis of the VA/Kaiser and NLM CORE problem subsets: an empirical study based on problem frequency. AMIA Annual Symposium proceedings, 2011, 2011, 1532-40.	0.2	4
68	Effectiveness of health maintenance reminders provided directly to patients. AMIA Annual Symposium proceedings, 2008, , 1183.	0.2	4
69	Development of a clinician reputation metric to identify appropriate problem-medication pairs in a crowdsourced knowledge base. Journal of Biomedical Informatics, 2014, 48, 66-72.	4.3	3
70	Development and evaluation of a novel user interface for reviewing clinical microbiology results. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1064-1068.	4.4	3
71	Importance of clinical decision support system response time monitoring: a case report. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1375-1378.	4.4	3
72	Evaluation of Use of Technologies to Facilitate Medical Chart Review. Drug Safety, 2019, 42, 1071-1080.	3.2	3

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73	Predicting Health Care Utilization After Behavioral Health Referral Using Natural Language Processing and Machine Learning. AMIA Annual Symposium proceedings, 2015, 2015, 2063-72.	0.2	3
74	Methods for Detecting Malfunctions in Clinical Decision Support Systems. Studies in Health Technology and Informatics, 2017, 245, 1385.	0.3	3
75	Usage Patterns of a Mobile Palliative Care Application. Journal of Palliative Medicine, 2018, 21, 796-801.	1.1	2
76	Developing an Open-Source Bibliometric Ranking Website Using Google Scholar Citation Profiles for Researchers in the Field of Biomedical Informatics. Studies in Health Technology and Informatics, 2015, 216, 1004.	0.3	1
77	Continuous Improvement of Clinical Decision Support via an Embedded Survey Tool. Studies in Health Technology and Informatics, 2019, 264, 1763-1764.	0.3	1
78	Applying Bayesian Changepoint Model and Hierarchical Divisive Model for Detecting Anomalies in Clinical Decision Support Alert Firing. , 2017, , .		0
79	Identification and Ranking of Biomedical Informatics Researcher Citation Statistics through a Google Scholar Scraper. AMIA Annual Symposium proceedings, 2019, 2019, 655-663.	0.2	0
80	Continuous Video Recording of Electronic Health Record User Sessions to Support Usability and Safety. Studies in Health Technology and Informatics, 2019, 264, 1811-1812.	0.3	0
81	Implementation of a Novel User Interface for Review of Clinical Microbiology Results. Studies in Health Technology and Informatics, 2019, 264, 1823-1824.	0.3	0